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**MicroPatent<sup>®</sup> MPI Legal Status Report (Single Patent)****1. JP61286314A 19861216 COMPOSITION FOR ORAL CAVITY****Assignee/Applicant:** SHISEIDO CO LTD ; EISAI CO LTD**Inventor(s) :** TAKASU EMIKO ; KOSHIBA KIYOKO ; MORIKAWA FUJIO ; NAKAJIMA KEISUKE ; FURUSE KAZUMARO**Priority (No,Kind,Date) :** JP12643185 A 19850611 ::: Y**Application(No,Kind,Date):** JP12643185 A 19850611**IPC:** A61K00800**Language of Document:** NotAvailable**Abstract:**

PURPOSE: A safety composition for oral cavity effective for preventing and remedying periodontosis in a almost all symptoms, especially gingivities and pyorrhea alveolaris, obtained by blending ubiquinone-10 with a drug foralleviating periodontosis.

CONSTITUTION: A composition for oral cavity such as especially dentifrice, gingiva massaging cream, etc., in the dosage form having massaging effect, is blended with (B) ubiquinone-10 shown by the formula havingvitamin-like action and high safety free from side effects and (B) 0. 0001W20wt%, preferably 0.001W10wt%, especially 0.01W2wt% based on the total amount of the composition of one or more vitamin agents selected from especially vitamin E, vitaminB6, glycyrrhizin, hinokitiol, lysozyme chloride and their derivatives or an anti- inflammatory drug as a drug for alleviating periodontosis, to give the composition for oral cavity having the above-mentioned effects. Thecomposition is estimated that the component A raises the mucosa absorption ratio of the component B and assists the action to show the effects.

**Legal Status:** There is no Legal Status information available for this patent

**2. JP62181212A 19870808 COMPOSITION FOR ORAL CAVITY****Assignee/Applicant:** LION CORP**Inventor(s) :** INOUE AKIRA ; NAGANUMA TAKESHI ; HOZUMI SHIMAKO**Priority (No,Kind,Date) :** JP2464286 A 19860205 ::: Y**Application(No,Kind,Date):** JP2464286 A 19860205**IPC:** A61K00800**Language of Document:** NotAvailable**Abstract:**

PURPOSE: A composition for oral cavity, containing a specific monoterpene, e.g. diosphenol, etc., and having improved effect on removal or nicotine of tobacco.

CONSTITUTION: A composition for oral cavity obtained byusing (A) one or more monoterpenes selected from diosphenol, phellandral, albomenthone, thymoquinone, chrysanthenone, cryptone, thujone, fenchone, picrocrocin, santenone,  $\alpha$ -ionone,  $\beta$ -ionone,  $\alpha$ -irone,  $\gamma$ -thujaplicin, artemisiaketone and citral in an amount of preferably 0.01W10wt% based on the total composition together with (B) one or more polishing agents selected from calcium hy drogenphosphate.dihydrate or nonhydrate, neutralized aluminum hydroxide and silicondioxide. When prepared as a dentifrice, chemical removing action of

the component (A) on nicotine and physical removing action of the component (B) on nicotine synergize to provide the aimed composition for the oral cavity capable of exhibiting remarkable removing action on nicotine.

**Legal Status:** There is no Legal Status information available for this patent

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**3. JP63211218A 19880902 COMPOSITION FOR ORAL CAVITY APPLICATION**

**Assignee/Applicant:** NIPPON ZEORA KK ; KANEBO LTD

**Inventor(s) :** SUGIYAMA SHINJI ; MATSUDA HIDETAKA ; ONISHI SHIGEKI

**Priority (No,Kind,Date) :** JP4486787 A 19870227 ::: Y

**Application(No,Kind,Date):** JP4486787 A 19870227

**IPC:** A61K00800

**Language of Document:** NotAvailable

**Abstract:**

**PURPOSE:** To obtain the titled composition having high storage stability, storable even at a high temperature without lowering the pharmacological effect and utilizable as tooth paste, liquid dentifrice, etc., by adding edetic acid in combination with a carboxylic acid-type ampholytic surfactant to an oral cavity composition containing hinokitiol.

**CONSTITUTION:** An oral cavity composition containing hinokitiol effective as a bactericide is compounded with edetic acid or its salt in combination with a carboxylic acid-type ampholytic surfactant. The amount of the hinokitiol in the whole composition is preferably 0.001W1% and that of edetic acid or its salt is 0.1W5%. The salt of edetic acid is preferably 2-potassium salt or 2-sodium zinc salt, etc. The carboxylic acid-type ampholytic surfactant is e.g. 2-undecyl-hydroxyethylimidazoline betaine and the amount is preferably 0.1W5%, especially 0.5W3% based on the whole composition.

**Legal Status:** There is no Legal Status information available for this patent

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**4. JP63211217A 19880902 COMPOSITION FOR ORAL CAVITY APPLICATION**

**Assignee/Applicant:** NIPPON ZEORA KK ; KANEBO LTD

**Inventor(s) :** SUGIYAMA SHINJI ; MATSUDA HIDETAKA ; ONISHI SHIGEKI

**Priority (No,Kind,Date) :** JP4486687 A :: 19870227

**Application(No,Kind,Date):** JP4486687 A 19870227

**IPC:** A61K00800

**Language of Document:** NotAvailable

**Abstract:**

**PURPOSE:** To obtain a composition for oral cavity application having especially high bactericidal power, by using an oral cavity composition containing hinokitiol and chlorhexidines in combination with a carboxylic acid-type ampholytic surfactant, thereby improving the bactericidal effect.

**CONSTITUTION:** A composition for oral cavity application having strong bactericidal effect and exhibiting sufficient bactericidal effect even in a small amount can be produced by compounding (A) a carboxylic acid-type ampholytic surfactant, preferably betaine-type, imidazoline-type or imidazolinebetaine-type, especially betaine-type ampholytic surfactant in an amount of 0.1W8wt.%, especially 0.5W3wt.% (based on the whole composition) to an oral cavity composition such as tooth paste or tooth powder containing (B) hinokitiol and (C) chlorhexidines such as chlorhexidine gluconate and chlorhexidine hydrochloride. The amounts of the components B and C are preferably 0.001W1wt.% each based on the whole composition.

**Legal Status:** There is no Legal Status information available for this patent

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**5. JP60016913A 19850128 COMPOSITION FOR ORAL CAVITY APPLICATION****Assignee/Applicant:** LION CORP**Inventor(s) :** EBINE YOSHICHIKA ; OIBE MASAOKI ; YANAGAWA TAKUMA**Priority (No,Kind,Date) :** JP12253183 A 19830706 ::: Y**Application(No,Kind,Date):** JP12253183 A 19830706**IPC:** A61K00800**Language of Document:** NotAvailable**Abstract:**

PURPOSE: To provide a composition for oral cavity application, containing a surface-coated pigment obtained by covering the particles composed of a pigment and a specific water-soluble polymer with inorganic powder, wherein the pigment is exposed by the collapse of the covering layer during the brushing, and the completion of the brushing can be detected by the color change.

CONSTITUTION: A composition for oral cavity application, especially dentifrice, is obtained by preparing particles composed of a pigment and a water-soluble polymer capable of forming a polymer gel by reacting with the polyvalent metallic element in the pigment, coating the particles with inorganic powder, and using the obtained surface-coated pigment as a component. The inorganic powder coating layer is collapsed during the brushing, and the color of the composition is changed by the exposure of the pigment to sense the completion of the brushing. Since the color of the pigment is completely masked with the inorganic powder layer, the dentifrice has good appearance, and since the coating layer is collapsed to induce the change in color only after the sufficient brushing, the brushing time can be surely controlled by the use of this composition.

**Legal Status:** There is no Legal Status information available for this patent

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**6. JP60016913B 19850430 KANNETSUSHIKIJOHOKIROKUSOCHI****Assignee/Applicant:** TOKYO SHIBAURA ELECTRIC CO**Inventor(s) :** OOZEKI TAKASHI ; OONO TADAYOSHI**Priority (No,Kind,Date) :** JP16321678 A 19781227 I**Application(No,Kind,Date):** JP16321678 A 19781227**IPC:** 4B 41J 3/20 A**Language of Document:** NotAvailable**Legal Status:** There is no Legal Status information available for this patent

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**7. JP61100516A 19860519 TOOTHPASTE SEALED IN GELATIN CAPSULE****Assignee/Applicant:** SHISEIDO CO LTD**Inventor(s) :** YAMASHITA SHIGEKI ; MARUKAWA SHIGEO**Priority (No,Kind,Date) :** JP21978984 A 19841019 X**Application(No,Kind,Date):** JP21978984 A 19841019**IPC:** 4A 61K 7/16 A**Language of Document:** NotAvailable**Abstract:**

PURPOSE: Toothpaste sealed in gelatin capsule which is conveniently portable and simply usable, obtained by sealing toothpaste comprising specific amounts of a foaming agent, wetting agent, polishing agent, and water as main components in gelatin capsule.

CONSTITUTION: (a) Toothpaste comprising 0.5W2wt% foaming agent such as

sodium lauryl sulfate, etc., (b) 10W70wt% wetting agent such as glycerin, (c) 10W40wt% polishing agent such as calcium carbonate, calcium secondary phosphate, etc., and (d) 1W20wt%, preferably <10wt%, especially < 5wt% water, as main components, preferably in an amount for use of once (about 0.2W0.7g), is sealed in gelatin capsule by a well-known method, to give toothpaste sealed in gelatin capsule which is easily usable and conveniently portable. The toothpaste is usually used by crushing gelatin capsule with the teeth when the teeth is cleaned, the crushed gelatin capsule is dissolved with saliva.

**Legal Status:** There is no Legal Status information available for this patent

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**8. JP63188619A 19880804 COMPOSITION FOR ORAL CAVITY**

**Assignee/Applicant:** SHISEIDO CO LTD

**Inventor(s) :** SASAKI IZUMI ; TAMURA UHEI

**Priority (No,Kind,Date) :** JP1940987 A 19870129 ::: Y

**Application(No,Kind,Date):** JP1940987 A 19870129

**IPC:** A61K00800

**Language of Document:** NotAvailable

**Abstract:**

**PURPOSE:** To obtain a composition for oral cavity effective for preventing and treating periodontal diseases, preventing decomposition of hinokitiol, having excellent percutaneous absorption, by blending hinokitiol with astearin nucleus- containing compound.

**CONSTITUTION:** A composition for oral cavity containing 0.01W1wt.% hinokitiol is blended with 0.001W5wt.% stearin nucleus-containing compound such as cholesterin derivative, especially dihydrocholesterinor epidihydrocholesterin and adjusted to pH7W10 by the use of a basic compound such as inorganic alkali, amine, etc.

**Legal Status:** There is no Legal Status information available for this patent

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**9. JP3115213A 19910516 CRIES PREVENTING AGENT COMPOSITION**

**Assignee/Applicant:** KANEBO LTD

**Inventor(s) :** OTA MASAKATSU ; HORIKOSHI TOSHIO ; HIRAOKA JUNICHIRO

**Priority (No,Kind,Date) :** JP25291989 A 19890928 X

**Application(No,Kind,Date):** JP25291989 A 19890928

**IPC:** 5A 61K 7/16 A

**Language of Document:** NotAvailable

**Abstract:**

**PURPOSE:** To obtain the title composition containing an antibody having immune activity to Streptococcus mutans and one or more substances selected from F compound, chlorohexidines, bacteriocin, protease, etc.

**CONSTITUTION:** The title composition containing an antibody (A) having immune activity to Streptococcus mutans and one or more substance selected from F compound (e.g. monofluorophosphoric acid sodium salt), chlorohexidines, bacteriocin (e.g. Escherichia coli), glycosyltransferase inhibitor (e.g. maltose), protease, lytic enzyme and tropolones and usable in a form of tooth paste, gum, ice-cream, tablet, etc. The composition suppresses sticking of Streptococcus mutans to tooth. The antibody A is an immunoglobulin prepared from hen egg immunized by bacterial cell binding type glycosyltransferase obtained by culturing mutans bacterium in glucose-

containing medium.

**Legal Status:** There is no Legal Status information available for this patent

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**10. JP3151317A 19910627 COMPOSITION FOR MOUTH USE**

**Assignee/Applicant:** LION CORP

**Inventor(s) :** NAGAHATA TETSUJI

**Priority (No,Kind,Date) :** JP28815289 A 19891106 X

**Application(No,Kind,Date):** JP28815289 A 19891106

**IPC:** 5A 61K 7/16 A

**Language of Document:** NotAvailable

**Abstract:**

PURPOSE: To obtain the subject composition for mouth use free from inhibition of an antibacterial effect of a quaternary ammonium salt even in the presence of saliva and excellent in prevention of formation of sordes on a tooth by using the quaternary ammonium salt in combination with hinokitiol and sodium citrate.

CONSTITUTION: With a composition for mouth use containing 0.01-0.5wt.%, preferably 0.05-0.2wt. % quaternary ammonium salt such as benzalkonium chloride or cetylpyridinium chloride, 0.001-5wt.%, especially 0.01-0.3 wt. % hinokitiol and preferably in addition thereto, 0.5wt.%, especially 0.01- 1wt.% sodium citrate are blended.

**Legal Status:** There is no Legal Status information available for this patent

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